KMI KISK

Risk: The possibility of an undesirable at Interest of the program. Risks are usually associated with uncertainties.

Risk Management: An organized, systematic, decision-making process that is effective in identifying, assessing, and monitoring risks to reduce or eliminate the risk for the achievement of program goals.

Identify Monitor and Control What can go wrong? **Analyze** • Proposed changes to Plan & How big is the → Staffing **Impleme** risk? → Process Magnitude of How can the risk → Design Track & impact • Requirements be eliminated? Report \rightarrow Cost • User Acceptance • *Mitigate* the risk \rightarrow Schedule • Integration → Develop a plan How are things → Technical **Impacts** Control with metrics progressing? →User • Issues list and triggers & What do the Acceptance → Integrate plan Report product • Time frame of into project metrics indicate? risk What steps are being activities What do status occurrence taken to eliminate • *Transfer* the risk indicators show? • Affected life the risk? • *Watch* the risk Monitor risk cycle phase • Monitor each step in • *Accept* the risk triggers Questions To Considersign a "Risk risk mitigation and proceed with •Weekly Risk Owner Owner" plan Reports •Once a risk is · What time frame within the program schedule will the risk most likely triggered, initiate occur? mitigation plan • Is the source or cause of the risk based on factual evidence? •If a risk triggers a Do other parties need to be aware of the risk and it's impact? contingency, initiate Is the risk mitigation plan adequate? contingency plan Is the contingency plan adequate? Communicate risks to

all

parties

affected

Does the risk mitigation plan address the source and consequence of

Is the next level of management aware of the risk and it's impact?

the risk?

RIVI I KISK

				. •
		/	halve	ic
Translate d Probabili	Likelihood of contingency plan	Can the risk be mitigated?	Approach	LS
ty 1-	Not Not	Most always mitigate this type	Contingency plan is not necessary	
19% 20- 39%	Likely Low Likelihood	of risk Usually mitigate this type of risk	Continue the use of the mitigation	
40-59%	Likely	May mitigate this	Contingency plan may be required	
60-79%	Highly Likely	Unlikely to mitigate this type of risk. Mitigation plan is	Prepare to initiate the contingency plan , watch contingency	;
80-99%		Avoidance unlikely, attempt to minimize	Erigge Sontingency plan	
		impact		

PROBABILITY

IMPACT

Schedule	_c Pro	
	Cost	gram? erformance/Technical
Negligible to no impact to	Negligible imp to program co	aNegligible to no change in structionality and usability
schedule Minimal schedule change 2%- 5%	Minimal cost variance <u><</u> 59	Minimal change to functionality %and usability
Minor schedule slip > 5%	Minor cost variance > 5%	Minor changes to functionality are required to prevent undesirable workarounds Moderate external coordination is
Moderate schedule slip ≥ 10%	Moderate cost variance ≥ 10%	Mequirede changes for basic function use are required. No workarounds available. High
Major schedule slip > 15%	Major cost variance > 15%_	external customer coordination. Major changes to functionality are required due to user rejection or inability to pass OT. High external and management coordination required.
	impact to schedule Minimal schedule change 2%- 5% Minor schedule slip > 5% Moderate schedule slip ≥ 10% Major schedule	Schedule change 2%- 5%Minimal cost variance \leq 5%Minor schedule slip $>$ 5%Minor cost variance $>$ 5%Moderate schedule slip \geq 10%Moderate cost variance \geq 10%_Major schedule slip $>$ 15%Major cost variance $>$



